Lambertson 1C	•	MZB1C02	
Vacuum Ion Pump	V P	VIP4T09D	HALL A
Vertical Corrector	<b>↑</b>	MBD1C00V	BEAM LINE
Beam Position Monitor	디그	IPM1C00	DEAM LINE
Beamline Vacuum Valve	M	VBV1C00A	BSY: Lambertson to 1C08
Vertical Corrector	<u> </u>	MBD1C00AV	
Beam Position Monitor		IPM1C01	
Quad Horizontal Corrector	*	MQA1C01	
Horizontal Position Modulation Corrector (disconnected)	20	MBC1C01H	
Vacuum Ion Pump	eu)	\/ID1C01	
Beam Position Monitor	rla	VIP1C01	
Quad		IPM1C02 MQK1C02	
Horizontal Energy Modulation Corrector (FFB)		MHF1C02V	
Vertical Corrector	<b>A</b>	MBC1C02V	
Beam Position Monitor	Г	IPM1C03	
Quad	<u> </u>	MQA1C03	
Horizontal Corrector		MBC1C03H	
Horizontal Position Modulation Corrector (disconnected	ed)	MDCTCOSTT	
Vacuum Ion Pump	VIP	VIP1C03	
Dipole		MJF1C04	
Beam Position Monitor	77	IPM1C04	
Quad		MQK1C04	
Horizontal & Vertical Corrector	1	MBC1C04H/V	
FFB Vertical Corrector (disconnected)	<b>↑</b> T	,	
Vacuum Ion Pump	V P	VIP1C04	
FFB Horizontal Corrector (disconnected)	<b>←</b>		
Horizontal Energy Modulation Corrector (FFB)		MHF1C04H	
Beam Position Monitor		IPM1C05	
Quad Vertical Corrector	<b>→ *</b>	MQK1C05 MBC1C05V	
Beamline Vacuum Valve	<b>'</b> 🔀	VBV1C05A	
Vacuum Ion Pump	V P	VIP1C05A	
Harp	A C	IHA1C05	
Dumplette	I <del>V</del> I	IDA1C05	
Beamline Vacuum Valve	<u> </u>	VBV1C06	
Beam Position Monitor		IPM1C06	
Quad		MQA1C06	
Horizontal & Vertical Corrector	↑T.	MBC1C06H/V	
Horizontal Energy Modulation Corrector (FFB)	<b></b>	MHF1C06H	
Vacuum Ion Pump	V. P	VIP1C06	
Horizontal Air Core Corrector (disconnected)			
Happex Cavity BPM	\( \text{\text{\$\psi}} \)	IPM1C06	
Happex BCM	CO	IBC1C06	
Beam Stopper (20 mm aperture)		SSS1C06/A	
Beam Position Monitor	[]]	IPM1C07	
Quad (PRIMARY)	*	MQA1C07	
Horizontal & Vertical Corrector	1	MBC1C07H/V	
Vertical Energy Modulation Corrector (FFB)	$\uparrow \uparrow \uparrow$	MHF1C07V	
Vacuum Ion Pump	VP	VIP1C07	
Horizontal Energy Modulation Corrector (FFB)	<del></del>	MHF1C07V	
Harp	9 E	IHA1C07A	
Harp		IHA1C07B	E. Forman
Παιρ		IIIAICU/D	7 March 2014

**Beam Position Monitor** IPM1C08 HALL A Quad (PRIMARY) MQK1C08 **BEAM LINE** Beam Loss Monitor ILM1C08 BSY: 1C08 to Shield Wall Viewer ITV1C08 VIP1C08 Vacuum Ion Pump Dipole MBA1C05 Quad MOA1C09 **Vertical Corrector** MBC1C09V MBA1C06 Dipole **Beam Loss Monitor** ILM1C10 **Beam Position Monitor** IPM1C10 Quad MQA1C10 Vacuum Ion Pump VIP1C10 Dipole MBA1C07 **Beam Position Monitor** IPM1C11 Ouad MQA1C11 MBC1C11V **Vertical Corrector** Dipole MBA1C08 **Beam Loss Monitor** ILM1C12A **Beam Position Monitor** IPM1C12 Quad MQK1C12 Harp IHA1C12 **Beam Loss Monitor** ILM1C12B Viewer IOR1C12 OTR Vacuum Ion Pump VIP1C12 Dipole MBA1C09 Quad MQA1C13 **Vertical Corrector** MBC1C13V Dipole MBA1C10 **Beam Position Monitor** IPM1C14 Ouad MOA1C14 Vacuum Ion Pump VIP1C14 Dipole MJA1C11 Beamline Vacuum Valve VBV1C15 Ouad MOA1C15 **Vertical Corrector** MBC1C15V Vacuum Ion Pump VIP1C15 Dipole MBA1C12 Vacuum Ion Pump VIP1C16 **Beam Position Monitor** IPM1C16 **Beam Loss Monitor** ILM1C16 Quad MQA1C16 E. Forman Beamline Vacuum Valve 7 March 2014 VBV1C16

Shield Wall			HALL A
Harp	₩	IHA1C17	
Quad		MQA1C17	BEAM LINE
Beam Position Monitor  Quad		IPM1C18	Shield Wall to Raster
Vertical Corrector	<b>*</b>	MQA1C18 MBC1C18V	
Harp	96	IHA1C18A	
Quad + French Bench		MQA1C18B	
Harp		IHA1C18B	
Quad	<u> </u>	MQR1C19	
Beam Position Monitor		IPM1C20	
Quad	*	MQR1C20	
Horizontal & Vertical Corrector (ORBIT LOCK)	1.	MBC1C20H/V	
Vacuum Ion Pump	VP	VIP1C20A	
Compton Dipole		MCP1P01 (MVS1P01)	(MMC1P01)
Beamline Vacuum Valve Vacuum Cold Gauge	<del>//</del>	VBV1P01A VCG1C20	
Vacuum Cold Gauge Horizontal Corrector	<b>*</b> T	MBT1P01H	
Beamline Vacuum Valve Beam Loss Monitor		VBV1C20 ILM1P01	
Vacuum Ion Pump Vacuum Cold Gauge		VIP1P01A VCG1P01A	
Compton Dipole		MCP1P02 (MVS1P02)	(MMC1P02)
		IPM1P02A	(WIIVICTI 02)
Beam Position Monitor			
Beamline Vacuum Valve		VBV1P02A	
Vacuum Ion Pump  Laser Hut	'	VIP1P02B	
Beam Position Monitor	A.V.	IPM1P02B	
Beam Loss Monitor	· <b>**</b>	ILM1P02	
Compton Dipole		MCP1P03 (MVS1P03)	(MMC1P03)
Beam Loss Monitor Beamline Vacuum Valve	<b>*</b>	ILM1P03	
Beam Position Monitor	17	VBV1P03 IPM1P03A	
Vacuum Ion Pump Horizontal Corrector		VIP1C20B	
Vacuum Ion Pump		MBT1P03H	
Compton Electron Detector		VIP1P03A	
Vacuum Cold Gauge Compton Dipole		VCG1P01A MCP1P04 (MVS1P04)	(MMC1P04)
Compton Ion Chamber	LTAGE	SLD1P03	(
Beam Loss Monitor	**	ILM1P04	
Beamline Vacuum Valve	W	VBV1H00	
Differential Pump		VDP1H00	
Vacuum Ion Pump	V	VIP1H00	
Beam Current Monitor Beam Current Monitor (Unser)	CO	IBC1H00 IBC1H00A	
Vacuum Cold Gauge		VCG1H00	
Harp	a constant	IHA1H00	
Raster	<b>#</b>	MRA1H00A & B, H/V	
			E. Forman 7 March 2014

